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2                   *ABSTRACT OF THE DISCLOSURE*

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4                 A current detector having a Hall-effect device formed in a semi-

5                 conductor substrate for giving an output voltage proportional to the mag-

6                 nitude of an electric current. Also included is a sheet-metal baseplate

7                 mechanically supporting the Hall-effect device. For handling a current of

8                 greater magnitude than heretofore, a U-shaped current path is defined in

9                 the baseplate as by cutting therein a J-shaped slit and a set of straight

10                slits for bounding the opposite side edges of the path. The baseplate

11                lies in sufficient proximity to the Hall-effect device to cause the same to

12                develop a voltage indicative of the current magnitude on the current

13                path.

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